

SWOSU Gets Grant for Summer Science and Math Academy for High School Juniors and Seniors

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SWOSU will host a summer science and mathematics academy on July 15-27 in Weatherford. The campus is designed for 32 high school juniors and seniors and is made possible by a \$41,600 grant from the Oklahoma State Regents for Higher Education. Among those involved in getting the grant were (from left): Dr. Radwan Al-Jarrah, dean of the College of Arts and Sciences; Dr. David Esjornson and Dr. Brian Campbell, both from the Chemistry and Physics Department; and Dr. Lori Gwyn, director of sponsored programs.

SWOSU will once again have a summer science and mathematics academy in 2012 on the Weatherford campus.

Dr. Brian D. Campbell and Dr. David Esjornson, chemistry and physics professors at SWOSU, have received program funding for \$41,600 from the Oklahoma State Regents for Higher Education for the summer academy that will be July 15-27.

The Summer Science and Mathematics Academy (SSMA) is designed to give up to 32 high school juniors and seniors a two-week campus experience studying the relationship between science, mathematics, technology and society. It is also intended to motivate the participants to pursue higher education and careers in science, mathematics and technology.

Other objectives for the SSMA are to meet the Priority Academic Student Skills (PASS) curriculum as well as National Education Standards in Science and Mathematics (NSES, PSSM). The two-week SSMA program will be located on the SWOSU campus with participants living in university residence halls, eating in the cafeteria, and taking classes in lecture halls and laboratories. Participants will have access to SWOSU facilities and equipment.

There is no charge for the participants. All costs are covered by the OSRHE and SWOSU. Participants will engage in short courses of biology, chemistry, computer science, geology, space science, health, mathematics and physics with an application competition the final days. Students will have laboratory activities, field experiences, and participate in a problem solving competition.

For questions about the SSMA, please contact Dr. Campbell at 580.774.3118 or by email at brian.campbell@swosu.edu.